

ABSTRACT OF DISCLOSURE

A projection system including a light source, a rectilinearly reciprocating cylindrical lens array, an optical separator, a light valve, and a projection lens unit. The light source emits a beam. The rectilinearly reciprocating cylindrical lens array advances color beams along different paths upon reciprocation. The optical separator separates the beam emitted from the light source into color beams according to wavelength. The light valve receives the scrolled color beams transmitted by the cylindrical lens array and forms a color image by pixels turning on or off according to an input image signal. The projection lens unit magnifies the color image formed on the light valve and projects the magnified color image on a screen.